

B. Amendments to Specification

Please replace the paragraph at Page 13, line 21 to Page 14, line 3 with the following:

Referring now primarily to FIG. 6, refiner 206 in accordance with the disclosed invention is hereinafter described. Refiner 206 comprises a second deviation counter 602, a correlator 604 and a maximum correlation identifier 606. Each count of second deviation counter 602 corresponds to a probable closely spaced deviation. For each occurrence of the training sequence, second deviation counter 602 produces the count to consider all probable closely spaced deviations. ~~Correlator 602~~ Correlator 604 calculates the correlation between corrected received signal $r(n)$ shifted through a closely spaced probable deviation, and the training sequence $I_{tr}(n)$. These correlation values are then used by ~~maximum correlation identifier 604~~ maximum correlation identifier 606 to find the closely spaced probable deviation yielding the maximum correlation as the improved estimate $m_{refined}$ of the deviation.